

Styrene

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Styrene

- Flammable liquid
- Colorless
- Strong odor
- Breaks down quickly
- Used in resins and gelcoats
- Linking agent in polymerization
- OSHA possible carcinogen
- Hazardous air pollutant (HAP)

How Do We Stack Up?

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How do we stack up?

Styrene Emissions
Based on 1997 TRI data

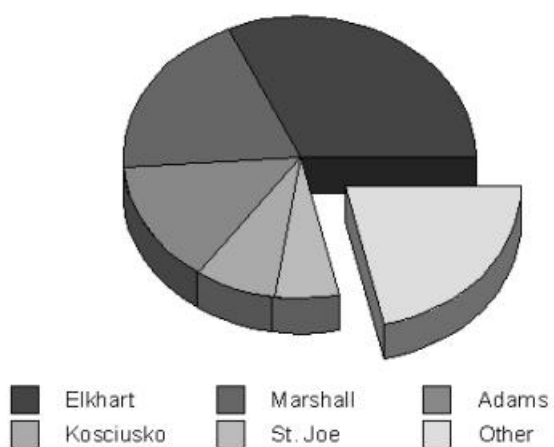
- Nationwide, Indiana ranks 2nd for styrene emissions
- Statewide, counties rank:
 - Elkhart
 - Marshall
 - Adams
 - Kosciusko
 - St. Joe

Indiana Styrene Emissions

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Indiana Styrene Emissions

Based on 1997 TRI Data



Rules for Styrene Emissions

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Rules for Styrene Emissions

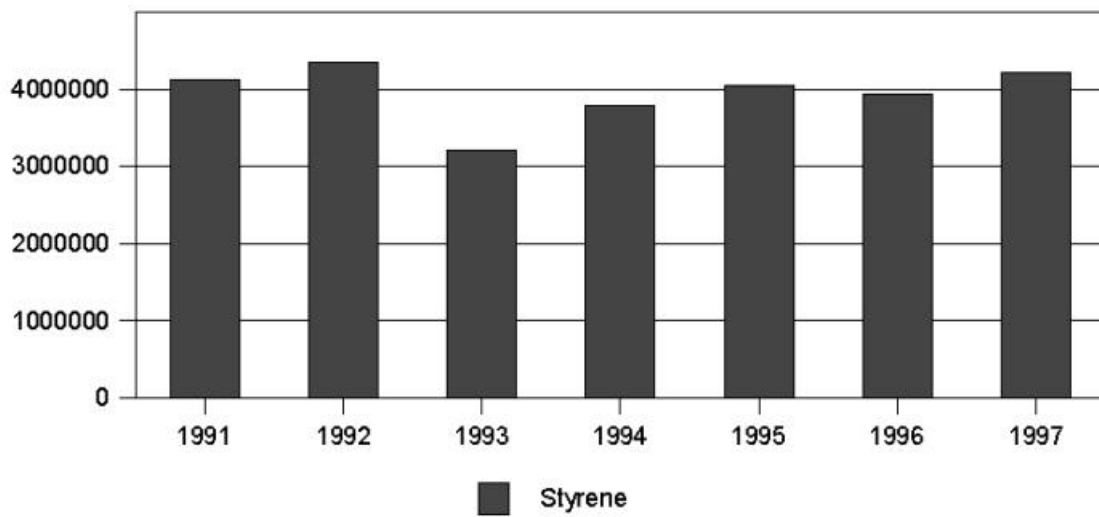
- New upcoming Federal MACT rule for the boat and reinforced plastic composites industries
- New upcoming Federal MACT rule for coating plastic parts
- OSHA Personal Exposure Limits
- State VOC Rules
- Indiana non rule policy document addressing the emission factor change
- New upcoming state rule addressing styrene emissions

Trending

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Trending

Styrene Emissions in Indiana over past years (pounds)
Based on 1997 TRI Data



What's already been done?

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What's already been done?

Reducing Styrene Emissions

- Flowcoating
- Low styrene resin
- Low styrene gelcoats
- Controlled spray
- Vapor suppression
- Closed Molding